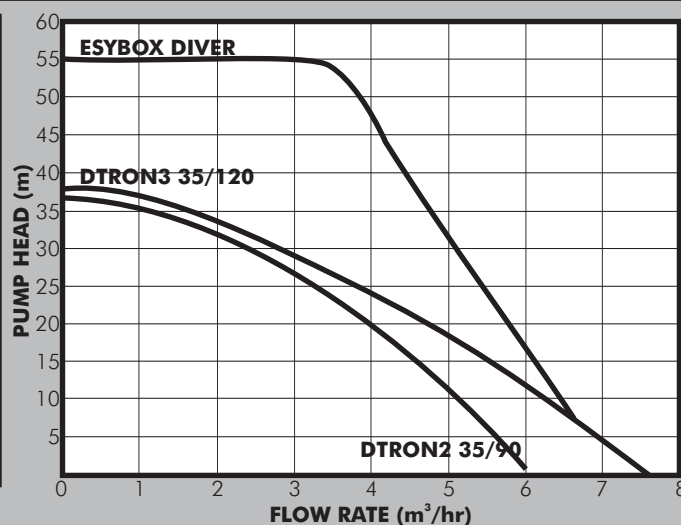




# DTRON/ ESYBOX DIVER

## Submersible Pumps



### PUMP

DAB DTRON/ESYBOX DIVER pumps are advanced technology smart submersible boosters especially designed for in tank water supply applications. All models feature an integral electronic controller providing for fully automatic operation as follows:-

DTRON features a fixed speed motor that stops on pressure set at 2.4Bar fixed for DTRON2 and settable for DTRON3 and starts on flow

ESYBOX DIVER is fitted with a variable speed permanent magnet motor that maintains a constant system pressure pre-set at 3Bar though adjustable from 1 to 5.5Bar.

All pumps include the following features:-

- Pump design incorporates a double mechanical seal, non-return valve and bleed valve for reliable priming
- Integral expansion vessel to minimise cycling and protect against water hammer for extended life. A separate pressure vessel is not necessary
- Adjustable suction height up to 8 centimetres
- Can be configured for horizontal, vertical, external (with additional suction chamber), submerged, semi submerged and for surface suction (with additional float kit) installation arrangements
- Integral high efficiency motors incorporating dry run and motor overload protection
- Incorporate a remote DCONNECT controller that provides for wireless level control and pump operation monitoring through Wi-Fi smartphone connection

Materials of construction and non-corroding Technopolymer throughout and 15 metres of cable with quick coupling is included.

DAB DTRON/ESYBOX DIVER pumps are complete water boosting systems and require no further accessories. The submersible design ensures simplicity of installation, reliability, quiet operation and security and they are an optimal solution for all small scale water supply applications.

**Enclosure Class:** IP68

**Insulation Class:** F

**Voltage:** 1x240V

### OPERATING CONDITIONS

**Pumped Liquid:** Thin, Clean, chemically non-aggressive liquids with

**Maximum particle size:** <2mm

**Max. Immersion Depth:** 12m

**Max. Ambient Temperature:** +50°C

**Max. Liquid Temperature:** +50°C

### PUMP DATA

Model	Motor			Outlet (")	Dimensions (mm)		Weight (kg)
	kW	HP	Current ( A)		DIA	Height	
DTRON2 35/90	0.5	0.7	3.4	1 1/4	185	611	11
DTRON3 35/120	0.6	0.8	4			651	12
ESYBOX DIVER	0.95	1.3	5.5			651	17

